

STENT DELIVERY SYSTEM FOR SELF-EXPANDING STENT

ABSTRACT

A delivery device for a catheter-sheath assembly includes an outer shaft having proximal and distal ends, an inner shaft having proximal and distal ends, and a rigid inner member disposed within the inner shaft. A catheter is secured to the rigid inner member and a sheath extends from the outer shaft, covering the catheter and a stent maintained on the distal end of the catheter. The outer shaft is directable from a first position to a second position to retract the distal end of the sheath with respect to the catheter to deploy a stent or other therapeutic or corrective element from within the sheath.